

Title (en)  
LOW-ALKALINE MGDA-CONTAINING DISHWASHER RINSING AGENT

Title (de)  
MGDA-HALTIGE MASCHINENGESCHIRRSPÜLMITTEL NIEDERER ALKALITÄT

Title (fr)  
PRODUIT DE RIN AGE POUR LAVE-VAISSELLE, FAIBLEMENT ALCALIN, CONTENANT DU MGDA

Publication  
**EP 0906407 A1 19990407 (DE)**

Application  
**EP 97928266 A 19970620**

Priority  
• DE 19624839 A 19960621  
• EP 9703256 W 19970620

Abstract (en)  
[origin: WO9749792A1] The invention provides a dishwasher rinsing agent which contains methyl glycine diacetic acid or its salts as the complexing agent, characterized in that it does not exceed a pH of 10.4 in 0.5 % aqueous solution. The dishwasher rinsing agent of the invention operates at low pH and can even removal obstinate food remnants which cannot usually be removed with a dishwasher rinsing agent operating at such a pH. The novel rinsing agent has an excellent cleaning action especially on crockery contaminated with both milk and tea residues.

IPC 1-7  
**C11D 7/32**; C11D 7/54; C11D 3/33; C11D 3/39

IPC 8 full level  
**C11D 3/33** (2006.01); **C11D 3/39** (2006.01); **C11D 7/32** (2006.01); **C11D 7/54** (2006.01)

CPC (source: EP)  
**C11D 3/33** (2013.01); **C11D 3/3947** (2013.01); **C11D 7/3245** (2013.01); **C11D 7/3281** (2013.01)

Citation (search report)  
See references of WO 9749792A1

Cited by  
DE102013019269A1; DE102009029636A1; WO2011032870A1; DE102007044417A1; DE102007006627A1; DE102016212248A1; WO2018007298A1; DE102009029635A1; WO2011032869A1; US8551930B2; DE102009029637A1; WO2011032868A1; WO2011051419A1; DE102009046216A1; DE102008060470A1; DE102008063801A1; US8242068B2; US8268768B2; DE102007006628A1; US9752100B2; DE102007006629A1; US8303721B2; EP3623456A1; WO2020053316A1; DE102007006630A1; US7879154B2; DE202007019720U1; EP3567094A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 9749792 A1 19971231**; AT E205250 T1 20010915; AT E389709 T1 20080415; CA 2258218 A1 19971231; DE 59704543 D1 20011011; DE 59712930 D1 20080430; EP 0906407 A1 19990407; EP 0906407 B1 20010905; EP 1113070 A2 20010704; EP 1113070 A3 20020102; EP 1113070 B1 20080319; ES 2160355 T3 20011101; ES 2300287 T3 20080616

DOCDB simple family (application)  
**EP 9703256 W 19970620**; AT 01105118 T 19970620; AT 97928266 T 19970620; CA 2258218 A 19970620; DE 59704543 T 19970620; DE 59712930 T 19970620; EP 01105118 A 19970620; EP 97928266 A 19970620; ES 01105118 T 19970620; ES 97928266 T 19970620